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NOTES ON PHILIPPINE BIRDS (No. 3)

BIRDS OF MARINDUQUE

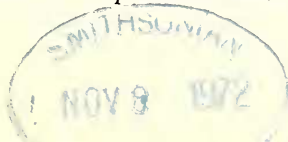
John E. duPont

INTRODUCTION

The island of Marinduque lies in Tayabas Bay, west of the Luzon province of Quezon and east of the island of Mindoro. The area of Marinduque is 743 square kilometers and the maximum elevation is 872 meters. At present the island is 30 per cent forested, with the remainder under cultivation of such crops as coconuts, corn, rice, garlic, cassava, and sweet potatoes. The island has been visited by four ornithological expeditions: two in the late 19th century and one each in 1970 and 1971.

The first expedition to the island was by Alfred Marche in the period April-June 1881. He collected 77 specimens of 29 species, three of which subsequent collectors have not found, i.e., *Haliaeetus leucogaster*, *Rallus striatus*, and *Monticola solitarius*. Marche's specimens are at the Paris Museum and are published for the first time in this paper. The second expedition to the island was by J. B. Steere in May 1887, as part of an extensive survey throughout the Philippine Islands. His party recorded 74 species on the island, which were reported in a general way only (Steere, 1890, 1891).

More recently, the Delaware Museum of Natural History sponsored field work on Marinduque, with the first visit to Barrio Canat, Boac, in March 1970, and the second to Santa Cruz in May 1971. These visits yielded a total of 57 species, 16 of which were new to the island. Some of these records have been included in duPont (1971) but are documented for the first time in the present paper. This brings the total known avifauna of the island to 96 species, not counting the questionable record of *Mimizuku gurneyi* (Hachisuka, 1934:51) and Worcester's record of *Ciconia episcopus* (McGregor, 1909:160). This paper provides a summary of these species, indicates which expeditions have recorded them on the island, and comments on some of the forms or records. In addition, new subspecies are described of *Coracina coerulescens* and of *Cyornis rufigaster*. This brings to four the total of endemic races from Marinduque, the others being *Nectarinia sperata marinduquensis* duPont and *Zosterops*



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montana gilli duPont. While the racial affinities of the island are otherwise with southern Luzon, the presence of these four endemics shows that Marinduque is of some import as an area of avian differentiation.

In the list that is to follow, subspecies names in brackets are based on literature and catalogue citations only, as the collections are scattered and I have not seen material to verify them. Nomenclature follows duPont (1971) unless otherwise indicated.

Acknowledgments

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FAMILY ARDEIDAE HERONS

Dupetor flavicollis [*flavicollis* (Latham, 1790)]

Collected by Steere Expd.

Ixobrychus cinnamomeus (Gmelin, 1789)

Collected by Steere Expd.

Butorides striatus [*javensis* (Horsfield, 1821)]

Collected by Marche Expd.—1 ♂; May

Collected by Steere Expd.

Egretta sacra [*sacra* (Gmelin, 1789)]

Collected by Steere Expd.

Ardea purpurea [*manilensis* Meyen, 1834]

Collected by Steere Expd.

Nycticorax caledonicus [*manillensis* Vigors, 1831]

Collected by Marche Expd.—1 ♂, 1 ♀; May, June

Collected by Steere Expd.

FAMILY CICONIIDAE STORKS

Ciconia episcopus [*episcopus* (Boddaert, 1783)]

According to McGregor (1909:160), this species was collected by Worcester, but Worcester did not list this species in his "Hand-list" in 1906

and I find nothing in the literature between 1906 and 1909 to indicate that Worcester had been to Marinduque and collected a stork. Consequently, I propose that this species be deleted as a Marinduque record.

FAMILY ANATIDAE DUCKS

Anas luzonica Fraser, 1839

Collected by Steere Expd.
DMNH-1 ♂, Sta. Cruz

FAMILY PANDIONIDAE OSPREYS

Pandion haliaetus [*melvillensis* Mathews, 1912]

Collected by Steere Expd.

FAMILY ACCIPITRIDAE HAWKS

Haliaastur indus intermedius Blyth, 1865

Collected by Steere Expd.
DMNH-1 ♀, Sta. Cruz

Haliaeetus leucogaster (Gmelin, 1788)

Collected by Marche Expd.—1 ?; June
Not previously recorded from Marinduque.

Spilornis holospilus (Vigors, 1830)

Collected by Steere Expd.

Hieraetus kieneri [*formosus* Stresemann, 1924]

Collected by Steere Expd.

FAMILY MEGAPODIIDAE MEGAPODES

Megapodius freycinet [*pusillus* Tweeddale, 1877]

Collected by Steere Expd.

FAMILY PHASIANIDAE PHEASANTS

Gallus gallus [*gallus* (Linné, 1758)]

Collected by Steere Expd.

FAMILY RALLIDAE RAILS

Rallus striatus [*striatus* Linné, 1766]

Collected by Marche Expd.—1 ♀; May
Not previously recorded from Marinduque.

***Rallus torquatus torquatus* Linné, 1766**

Collected by Marche Expd.—1 ♂; April
 Collected by Steere Expd.
 DMNH—1 ♂, Sta. Cruz

***Poliolimnas cinereus [ocularis* Sharpe, 1894]**

Collected by Steere Expd.

***Amaurornis phoenicurus [javanicus* (Horsfield, 1821)]**

Collected by Steere Expd.

***Gallicrex cinerea* (Gmelin, 1789)**

Collected by Steere Expd.

FAMILY ROSTRATULIDAE PAINTED-SNIPE

***Rostratula benghalensis [benghalensis* (Linné, 1758)]**

Collected by Steere Expd.

FAMILY CHARADRIIDAE PLOVERS

***Charadrius dubius dubius* Scopoli, 1786**

DMNH—1 ♀, Boac

Not previously recorded from Marinduque. Breeds throughout the Philippines.

FAMILY SCOLOPACIDAE SANDPIPERS

***Numenius minutus* Gould, 1841**

Collected by Steere Expd.

FAMILY COLUMBIDAE PIGEONS

***Phapitreron amethystina amethystina* Bonaparte, 1855**

Collected by Marche Expd.—1 ♀; May
 DMNH—2 ♂, Boac; 1 ♀, 1 in alcohol, Sta. Cruz

***Ptilinopus occipitalis* G. R. Gray, 1844**

DMNH—2 ♂, 1 ♀, Sta. Cruz

Not previously recorded from Marinduque. Breeds throughout the Philippines.

***Ducula aenea [aenea* (Linné, 1766)]**

Collected by Marche Expd.—2 ♂, 3 ♀; April
 Collected by Steere Expd.

***Ducula bicolor* (Scopoli, 1786)**

Collected by Marche Expd.—2 ♂, 1 ♀, 2 ?; April, May

Collected by Steere Expd.

***Macropygia phasianella tenuirostris* Bonaparte, 1854**

Collected by Steere Expd.

DMNH—2 ♂, 2 ♀, 2 in alcohol, Sta. Cruz

***Streptopelia bitorquata* [*dusumieri* (Temminck, 1823)]**

Collected by Steere Expd.

***Chalcophaps indica indica* (Linné, 1758)**

Collected by Marche Expd.—2 ?; April, May

Collected by Steere Expd.

DMNH—2 ♂, 1 in alcohol, Sta. Cruz

FAMILY PSITTACIDAE PARROTS

***Kakatoe haematuropygia* (P. L. S. Müller, 1776)**

Collected by Marche Expd.—5 ♂, 4 ♀, 1 ?; April, May, June

Collected by Steere Expd.

***Prioniturus luconensis* Steere, 1890**

Collected by Marche Expd.—4 ♂, 3 ♀; May, June

Collected by Steere Expd.

DMNH—1 ♂, 1 ♀, Boac

***Tanygnathus lucionensis* ssp.**

Collected by Marche Expd.—1 ♂, 3 ♀, 2 ?; April

Collected by Steere Expd.

***Loriculus philippensis* ssp.**

Collected by Marche Expd.—7 ♂, 1 ♀; May, June

Collected by Steere Expd.

FAMILY CUCULIDAE CUCKOOS

***Cuculus saturatus horsfieldi* Moore, 1857**

DMNH—1 ♀, Sta. Cruz

Not previously recorded from Marinduque. Winters in the Philippines from China.

***Eudynamys scolopacea mindanensis* (Linné, 1766)**

Collected by Steere Expd.

DMNH—3 ♂, Boac; 1 ♂, Sta. Cruz

***Phoenicophaeus superciliosus superciliosus* Dumont, 1823**

Collected by Marche Expd.—1 ♀; April

Collected by Steere Expd.

DMNH—1 ♂, 2 ♀, Boac; 2 ♂, 2 ♀, Sta. Cruz

***Phoenicophaeus cumingi* Fraser, 1839**

Collected by Steere Expd.

DMNH—1 ♂, Boac; 1 ♂, 5 ♀, 2 in alcohol, Sta. Cruz

***Centropus viridis viridis* (Scopoli, 1786)**

Collected by Steere Expd.

DMNH—1 ♂, 1 ♀, Boac; 3 ♂, 2 in alcohol, Sta. Cruz

FAMILY STRIGIDAE OWLS

***Mimizuku gurneyi* (Tweeddale, 1879)**

Hachisuka (1934:51) states that an immature specimen (about three weeks old) in the British Museum belongs to this species. The author and several members of the British Museum Bird Room have looked for this specimen and cannot find it. A check of the catalog shows a "*Bubo*" specimen collected by Moseley on Marinduque.

In view of the facts that (a) the species has never been recorded other than on Mindanao, (b) our collectors looked for but could not find this bird on Marinduque, and (c) the alleged specimen is lost, the Marinduque record of Hachisuka should be disregarded as it was probably based on a misidentification.

***Ninox philippensis* [*philippensis* Bonaparte, 1855]**

Collected by Steere Expd.

***Ninox scutulata randi* Deignan, 1951**

DMNH—1 ♂, Boac

Not previously recorded from Marinduque.

FAMILY CAPRIMULGIDAE NIGHTJARS

***Eurostopodus macrotis macrotis* (Vigors, 1831)**

DMNH—1 ♂, Sta. Cruz

Not previously recorded from Marinduque but recorded from throughout the Philippines.

FAMILY APODIDAE SWIFTS

***Collocalia troglodytes* G. R. Gray, 1845**

Collected by Steere Expd.

***Chaetura gigantea dubia* McGregor, 1905**

DMNH—1 ♀, Sta. Cruz

Not previously recorded from Marinduque but agrees with specimens from Luzon that are considered to be *dubia*.

FAMILY HEMIPROCINIDAE TREE SWIFTS***Hemiprocne comata* [major (Hartert, 1895)]**

Collected by Steere Expd.

FAMILY TROGONIDAE TROGONS***Harpactes ardens luzoniensis* Rand and Rabor, 1952**

Collected by Steere Expd.

DMNH—1 ♀, Boac; 2 ♂, 2 ♀, 2 in alcohol, Sta. Cruz

FAMILY ALCEDINIDAE KINGFISHERS***Ceyx cyanopectus* [cyanopectus Lafresnaye, 1840]**

Collected by Steere Expd.

***Halcyon chloris collaris* (Scopoli, 1786)**

Collected by Marche Expd.—1 ♂; April

Collected by Steere Expd.

DMNH—1 ♂, 2 ♀, Boac; 3 ♂, 1 in alcohol, Sta. Cruz

***Halcyon smyrnensis* [gularis (Kuhl, 1820)]**

Collected by Marche Expd.—1 ♀; April

Collected by Steere Expd.

***Halcyon lindsayi lindsayi* (Vigors, 1831)**

DMNH—2 ♂, Boac; 1 ♂, 1 ♀, Sta. Cruz

Not previously recorded from Marinduque but agree with topotypical material from Luzon.

FAMILY MEROPIDAE BEE-EATERS***Merops viridis* [americanus P. L. S. Müller, 1776]**

Collected by Steere Expd.

FAMILY CORACIIDAE ROLLERS***Eurystomus orientalis cyanocollis* Vieillot, 1819**

Collected by Marche Expd.—2 ♂, 2 ♀; April, May

Collected by Steere Expd.

DMNH—1 ♀, Boac

FAMILY BUCEROTIDAE HORNBILL

Penelopides panini manilloe (Boddaert, 1783)

Collected by Marche Expd.—2 ♂; April, June

Collected by Steere Expd.

DMNH—3 ♂, 1 ♀, Boac; 1 ♂, 1 ♀, Sta. Cruz

Buceros hydrocorax [*hydrocorax* Linné, 1766]

Collected by Marche Expd.—1 ♂; May

Collected by Steere Expd.

FAMILY PICIDAE WOODPECKERS

Mulleripicus funebris [*funebris* (Valenciennes, 1826)]

Collected by Steere Expd.

Dendrocopos maculatus validirostris (Blyth, 1849)

Collected by Steere Expd.

DMNH—1 ♂, Boac; 1 ♀, Sta. Cruz

Chrysocolaptes lucidus haematribon (Wagler, 1827)

Collected by Steere Expd.

DMNH—2 ♂, 2 ♀, Boac; 1 ♂, Sta. Cruz

FAMILY PITTIDAE PITTAS

Pitta erythrogaster erythrogaster Temminck, 1823

Collected by Steere Expd.

DMNH—2 ♂, 2 ♀, Boac

Pitta sordida sordida (P. L. S. Müller, 1776)

Collected by Steere Expd.

DMNH—1 ♀, Boac

FAMILY HIRUNDINIDAE SWALLOWS

Hirundo tahitica [*abbotti* (Oberholser, 1917)]

Collected by Steere Expd.

FAMILY CAMPEPHAGIDAE CUCKOO-SHRIKES

Coracina striata striata (Boddaert, 1783)

DMNH—1 ♀, Boac; 2 ♂, Sta. Cruz

Not previously recorded from Marinduque but agree with topotypical material from Luzon.

Coracina coerulescens

This species has been recorded from two islands: *C. c. coerulescens* (Blyth, 1842) on Luzon and a very pale race (in females), *C. c. altera*

(Ramsay, 1881), from Cebu; Rabor (1959:39) reports that the latter is extinct. A third and very dark population heretofore unrecorded from Marinduque may be called:

***Coracina coerulescens deschauenseei* new subspecies**

Type DMNH 11284, ♀ Matabang Bundok, Kilo-Kilo, Sta. Cruz, Marinduque, P.I., 1000–1500', May 1971. Wing 129; tail 108; bill 26; tarsus 22.

DIAGNOSIS: Females differ from *C. c. coerulescens* of Luzon by being darker, most notably so on the crown, mantle, and underparts; lores are darker black and more extensive; forehead is almost black, not gray. Males do not differ.

RANGE: Marinduque.

SPECIMENS EXAMINED: *coerulescens*—Luzon 2 ♂, 10 ♀; *deschauenseei*—Marinduque 3 ♂, 2 ♀; *altera*—Cebu 1 ♀.

ETYMOLOGY: This new subspecies is named for Rodolphe Meyer de Schauensee of the Academy of Natural Sciences of Philadelphia.

***Lalage nigra chilensis* (Meyen, 1834)**

Collected by Marche Expd.—1 ♂, 1 ♀; May

Collected by Steere Expd.

DMNH—5 ♂, 1 ♀, 2 in alcohol, Sta. Cruz

FAMILY DICRURIDAE DRONGOS

***Dicrurus balicassius balicassius* (Linné, 1766)**

Collected by Marche Expd.—1 ♂, 1 ♀; June

Collected by Steere Expd.

DMNH—2 ♂, Boac

FAMILY ORIOLIDAE ORIOLES

***Oriolus chinensis chinensis* Linné, 1766**

Collected by Steere Expd.

DMNH—3 ♂, Boac; 2 ♂, 1 ♀, Sta. Cruz

FAMILY CORVIDAE CROWS

***Corvus macrorhynchos philippinus* (Bonaparte, 1853)**

Collected by Marche Expd.—1 ♂, 1 ♀; May

Collected by Steere Expd.

DMNH—1 ♂, 1 ♀, Boac

FAMILY PYCNONOTIDAE BULBULS

Pycnonotus goiavier goiavier (Scopoli, 1786)

Collected by Marche Expd.—1 ♀; June

Collected by Steere Expd.

DMNH—1 ♂, 2 ♀, Boac; 4 ♂, 5 ♀, 2 in alcohol, Sta. Cruz

Hypsipetes philippinus philippinus (J. R. Forster, 1795)

Collected by Steere Expd.

DMNH—4 ♂, 3 ♀, Boac; 2 ♂, 2 ♀, 2 in alcohol, Sta. Cruz

FAMILY TURDIDAE THRUSHES

Copsychus luzoniensis luzoniensis (Kittlitz, 1832)

Collected by Marche Expd.—1 ♂, 1 ♀; April

Collected by Steere Expd.

DMNH—3 ♂, 1 ♀, Sta. Cruz

Saxicola caprata caprata (Linné, 1766)

DMNH—4 ♂, 1 ♀, 2 in alcohol, Sta. Cruz

Not previously recorded from Marinduque.

Monticola solitarius philippensis (P. L. S. Müller, 1776)]

Collected by Marche Expd.—1 ?; April

Not previously recorded from Marinduque but winters throughout the Philippines.

FAMILY SYLVIIDAE OLD WORLD WARBLERS

Megalurus palustris forbesi Bangs, 1919

Collected by Steere Expd.

DMNH—1 ♂, Sta. Cruz

Megalurus timoriensis tweeddalei McGregor, 1908

Collected by Steere Expd.

DMNH—1 ♂, 2 in alcohol, Sta. Cruz

Cisticola exilis semirufa Cabanis, 1872

Collected by Steere Expd.

DMNH—1 ♂, Sta. Cruz

Locustella fasciolata (Gray, 1860)

Collected by Steere Expd.

Locustella certhiola ochotensis (Middendorff, 1853)]

Collected by Steere Expd.

Phylloscopus borealis ssp.

Collected by Steere Expd.

FAMILY MUSCICAPIDAE OLD WORLD FLYCATCHERS

Rhipidura javanica nigritorquis Vigors, 1831

Collected by Marche Expd.—1 ?; April

Collected by Steere Expd.

DMNH—1 ♀, Sta. Cruz

Cyornis rufigaster

Although the Steere Expedition recorded this species on Marinduque, there has not been a series available for study until recently. The Marinduque birds are really distinct and may be called:

Cyornis rufigaster marinduquensis new subspecies

Type DMNH 11216, ♂ Matabang Bundok, Kilo-Kilo, Sta. Cruz, Marinduque, P.I., 1000–1500', May 1971. Wing 80; tail 70; bill 16.5; tarsus 18.

DIAGNOSIS: Males—dorsally similar to *C. r. simplex* Blyth, 1870, of Luzon but differ in having the white of the abdomen extending further anterior. Similar to *C. r. philippinensis* Sharpe, 1877, to the south, in color of underparts but differ in having upperparts paler and grayer blue. Females—differ from *C. r. simplex* by having less white on the abdomen and also average somewhat more intensely reddish brown on chest; upperparts average slightly darker blue. Similar to *C. r. philippinensis* but separable by somewhat brighter dorsal coloration, especially the tail.

RANGE: Marinduque.

SPECIMENS EXAMINED: *simplex*—Luzon 5 ♂, 6 ♀. *marinduquensis*—Marinduque 5 ♂, 5 ♀. *philippinensis*—Ticao 6 ♂, 3 ♀; Cebu 3 ♂, 2 ♀; Bohol 2 ♂, 1 ♀.

ETYMOLOGY: This new subspecies is named for the island that it inhabits.

Muscicapa griseisticta (Swinhoe, 1861)

DMNH—1 ♀, Sta. Cruz

Not previously recorded from Marinduque but winters throughout the Philippines from eastern Asia.

Hypothymis azurea azurea (Boddaert, 1783)

Collected by Steere Expd.

DMNH—1 ♀, 1 ?; Boac; 3 ♂, 1 ♀, 1 in alcohol, Sta. Cruz

Terpsiphone cinnamomea unirufa Salomonsen, 1937

Collected by Steere Expd.

DMNH—1 ♂, 1 ♀, Boac; 4 ♂, 1 ♀, Sta. Cruz

FAMILY MOTACILLIDAE PIPITS

Motacilla cinerea [*robusta* (Brehm, 1857)]

Collected by Steere Expd.

Anthus novaeseelandiae lugubris (Walden, 1875)

DMNH—1 ♀, Sta. Cruz

Not previously recorded from Marinduque but winters throughout Philippines.

FAMILY ARTAMIDAE WOOD-SWALLOWS

Artamus leucorhynchus leucorhynchus (Linné, 1771)

Collected by Steere Expd.

DMNH—1 ♂, 2 ♀, Boac

FAMILY LANIIDAE SHRIKES

Lanius schach nasutus Scopoli, 1786

DMNH—2 ♂, 1 ♀, Sta. Cruz

Not previously recorded from Marinduque but found throughout the Philippines, except the Sulu Archipelago.

FAMILY STURNIDAE STARLINGS

Aplonis panayensis panayensis (Scopoli, 1783)

Collected by Marche Expd.—2 ♂, 1 ♀; April

Collected by Steere Expd.

DMNH—2 ♂, 1 ♀, Boac; 3 ♂, 1 ♀, Sta. Cruz

Sarcops calvus calvus (Linné, 1766)

Collected by Steere Expd.

DMNH—1 ♂, 2 ♀, Boac

FAMILY NECTARINIIDAE SUNBIRDS

Anthreptes malacensis chlorigaster Sharpe, 1877

DMNH—1 ♂, 3 ♀, Sta. Cruz

Not previously recorded from Marinduque but agree with topotypical material from Negros.

Nectarinia sperata marinduquensis duPont, 1971

Collected by Marche Expd.—2 ♂, 1 ♀; April, May

Collected by Steere Expd.

DMNH—1 ♀, Boac; 3 ♂, Sta. Cruz

***Nectarinia jugularis jugularis* (Linné, 1766)**

Collected by Marche Expd.—1 ♂; April

Collected by Steere Expd.

DMNH—3 ♂, 1 ♀, Sta. Cruz

***Aethopyga shelleyi flavipectus* Ogilvie-Grant, 1894**

DMNH—1 ♀, Sta. Cruz

Not previously recorded from Marinduque but agrees with topotypical material from Luzon.

FAMILY DICAETIDAE FLOWERPECKERS

***Dicaeum australe australe* (Hermann, 1783)**

Collected by Steere Expd.

DMNH—2 ♂, 2 ♀, Boac; 1 ♀, Sta. Cruz

***Dicaeum trigonostigma xanthopygium* Tweeddale, 1877**

Collected by Steere Expd.

DMNH—4 ♀, Boac

***Dicaeum pygmaeum pygmaeum* (Kittlitz, 1833)**

Collected by Steere Expd.

DMNH—1 ♂, 2 ♀, Boac

FAMILY ZOSTEROPIDAE WHITE-EYES

***Zosterops montana gilli* duPont, 1971**

DMNH—1 ♂, Boac; 5 ♂, 4 ♀, 2 in alcohol, Sta. Cruz

FAMILY PLOCEIDAE WEAVERBIRDS

***Lonchura malacca jadori* (Martens, 1866)**

DMNH—2 ♀, Sta. Cruz

Not previously recorded from Marinduque but agree with topotypical material from Luzon.

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